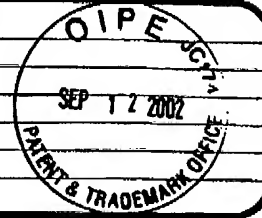


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INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: September 12, 2002 (use as many sheets as necessary)			Application Number	10/051,307	
			Filing Date	01/22/2002	
			First Named Inventor	Ziyu DAI, et al.	
			Group Art Unit	1638	
			Examiner Name	Unassigned	
			Attorney Docket Number	059440-0141	
Sheet	1	of	5		



U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
Bk	A1	4,407,956		HOWELL	10/04/1983	ELASS 308-CLASS 435 / 468

FOREIGN PATENT DOCUMENTS							
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Bk	A2	BREATHNACH et al., "Organization And Expression Of Eucaryotic Split Genes Coding For Proteins," <i>Ann. Rev. Biochem.</i> , 50:349-83 (1981), Annual Reviews, Inc., France	
Bk	A3	MESSING et al., "Plant Gene Structure," <i>Genetic Engineering of Plants, an Agricultural Perspective</i> (1983), pp. 211-227, Plenum Press, New York, NY.	
Bk	A4	KHOURY et al., "Enhancer Elements," <i>Cell</i> , 33:313-314, (1983), MIT, USA	
Bk	A5	SMITH, et al., "Comparison of Biocsequences," <i>Advances in Applied Mathematics</i> , (1981), 2(4):482-489, Academic Press, USA	
Bk	A6	NEEDLEMAN, et al., "A General Method Applicable to the Search for Similarities in the Amino Acid Sequence of Two Proteins," <i>J. Mol. Biol.</i> , (1970) 48:443-453 (1970), Academic Press, USA	
Bk	A7	PEARSON, et al., "Improved tools for biological sequence comparison," <i>Proc. Natl. Acad. Sci.</i> , (1988), 85:2444-2448, USA.	
Bk	A8	HIGGINS, et al., "CLUSTAL: a package for performing multiple sequence alignment on a microcomputer," <i>Gene</i> , (1988) 73:237-244 (1988), Elsevier Science Publishers B.V..	

Examiner Signature		Date Considered	9/16/04
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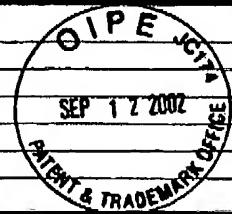
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		Filing Date	01/22/2002
Date Submitted: September 12, 2002 (use as many sheets as necessary)		First Named Inventor	Ziyu DAI, et al.
		Group Art Unit	1638
Sheet 2 of 5		Examiner Name	Unassigned
		Attorney Docket Number	059440-0141



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Bh	A9	HIGGINS, et al., "Fast and sensitive multiple sequence alignments on a microcomputer," <i>CABIOS COMMUNICATIONS</i> , (1989), 5(2):151-153 (1989), IRL Press, Oxford, England.		
↑	A10	CORPET, "Multiple sequence alignment with hierarchical clustering," <i>Nucleic Acids Research</i> , (1988) 16(22):10881-10891, IRL Press, USA.		
	A11	HUANG, et al., "Parallelization of a local similarity algorithm," <i>CABIOS</i> , (1992), 8(2):155-165, Oxford University Press.		
	A12	PEARSON, "Chapter 26: Using the FASTA Program to Search Protein and DNA Sequence Databases," Material copies from the collection of the National Library of Medicine, (1994), 24:307-331, Humana Press, USA.		
	A13	AUSUBEL et al., "Current Protocols in Molecular Biology - Chapter 19," <i>Informatics for Molecular Biologists</i> , pp. 19.1.1-19.4.15 (2000), John Wiley & Sons, Inc., USA.		
	A14	ALTSCHUL, et al., "Gapped BLAST and PSI-BLAST: a new generation of protein database search programs," <i>Nucleic Acids Research</i> , (1997), 25(17):3389-3402 (1997), Oxford University Press, USA.		
	A15	WOOTTON, et al., "Statistics of Local Complexity in Amino Acid Sequences and Sequence Databases," <i>Computers Chem.</i> , (1993); 17(2):149-163 (1993), Pergamon Press Ltd.		
	A16	CLAVERIE, et al., "Information Enhancement Methods for Large Scale Sequence Analysis," <i>Computers Chem.</i> , (1993), 17(2):191-201 (1993), Pergamon Press Ltd.		
	A17	MYERS, et al., "Optimal alignments in linear space," <i>CABIOS</i> , (1988), 4(1):11-17, IRL Press Limited, Oxford, England.		
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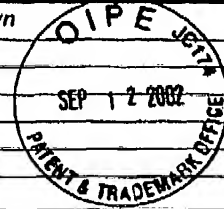
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		Filing Date	01/22/2002
Date Submitted: September 12, 2002 (use as many sheets as necessary)		First Named Inventor	Ziyu DAI, et al.
		Group Art Unit	1638
Sheet 3 of 5		Examiner Name	Unassigned
		Attorney Docket Number	059440-0141



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Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
SA	A18	NEEDLEMAN, et al., "A General Method Applicable to the Search for Similarities in the Amino Acid Sequence of Two Proteins," <i>J. Mol. Biol.</i> , (1970), 48:443-453, Academic Press.	
↑	A19	SAMBROOK, et al. <i>Molecular Cloning, A Laboratory Manual, Second Edition</i> , (TABLE OF CONTENTS ONLY, Vols. 1-3), Cold Spring Harbor Laboratory Press (1989).	
	A20	AUSUBEL, et al. (eds.), <i>Current Protocols in Molecular Biology</i> (TABLE OF CONTENTS ONLY, Vol. 1), John Wiley & Sons, Inc., (1998) USA	
	A21	BOLTON, et al., "A General Method for the Isolation of RNA Complementary to DNA," <i>Proceedings of the National Academy of Sciences</i> , (1962), 48:1390-1397.	
	A22	AUSUBEL, et al., "Preparation and Analysis of DNA", (TABLE OF CONTENTS ONLY, Vol. 1) (2000), John Wiley & Sons, Inc.	
	A23	WU et al. (Eds.), <i>Recombinant DNA -Part D -</i> (TABLE OF CONTENTS ONLY Vol. 153), Academic Press, Inc.	
	A24	ROGERS, et al., "Gene Transfer in Plants: Production of Transformed Plants Using Ti Plasmid Vectors," <i>Methods for Plant Molecular Biology</i> (1988), 118:423-463, Academic Press, Inc.	
	A25	GRIERSON, et al., "Chapter Seven: Genetic Transformation of Plants by Agrobacterium," <i>Plant Molecular Biology</i> , (1988), Chapman and Hall, USA.	
↓	A26	HORSCH, et al., "A Simple and General Method for Transferring Genes into Plants," <i>Science</i> , (1985), 227:1229-1231.	
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		Filing Date	01/22/2002
		First Named Inventor	Ziyu DAI, et al.
		Group Art Unit	1638
		Examiner Name	Unassigned
Sheet 4 of 5	Attorney Docket Number	059440-0141	



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BK	A27	De FRAMOND, et al., "Mini-Ti: A New Vector Strategy For Plant Genetic Engineering," <i>Bio/Technology</i> , pp. 262-269 (May 1983), USA	RECEIVED SEP 16 2002 TECH CENTER 1600
BK	A28	HOEKEMA, et al., "A binary plant vector strategy based on separation of <i>vir</i> - and T-region of the <i>Agrobacterium tumefaciens</i> Ti-plasmid," <i>Nature</i> , (1983), 303:179-180, Macmillan Journals Ltd.	
BK	A29	BECHTOLD, et al., "In planta <i>Agrobacterium</i> mediated gene transfer by infiltration of adult <i>Arabidopsis thaliana</i> plants," <i>C.R. Acad. Sci. Paris, Sciences De La Vie Life Sciences</i> , (1993), 316(10):1194-1199, John Libbey, Eurotext.	
BK	A30	FROMM, et al., "Expression of genes transferred into monocot and dicot plant cells by electroporation," <i>Proc. Natl. Acad. Sci., USA</i> , (1985), 82:5824-5828, USA.	
BK	A31	KLEIN, et al., "High-velocity microprojectiles for delivering nucleic acids into living cells," <i>Nature</i> , (1987), 327:70-73.	
BK	A32	MARGOSSIAN, et al., "Ethylene-regulated expression of a tomato fruit ripening gene encoding a proteinase inhibitor I with a glutamic residue at the reactive site," <i>Proc. Natl. Acad. Sci.</i> , (1988), 85:8012-8016, USA	
BK	A33	PEARCE, et al., "Proteinase Inhibitors I and II in fruit of wild tomato species: Transient components of a mechanism for defense and seed dispersal," <i>Planta</i> , (1988), 175:527-531, Springer-Verlag.	
BK	A34	HUMMEL, "A Modified Spectrophotometric Determination Of Chymotrypsin, Trypsin, And Thrombin," <i>Canadian Journal Of Biochemistry And Physiology</i> , (1959), 37(12):1393-1399, The National Research Council, Ottawa, Canada	
BK	A35	WIGHTMAN, et al., "Reviews Properties Of Plant Aminotransferases," <i>Phytochemistry</i> , (1978), 17:1455-1471, Pergamon Press.	

Examiner Signature	Date Considered
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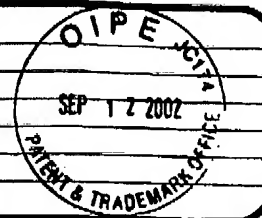
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Sheet	5	of	5



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Rk	A36	FOREST, et al., "Amino Acid Metabolism in Plants. II. Transamination Reactions of Free Protein Amino Acids in Cell-Free Extracts of Cotyledons and Growing Tissues of Bushbean Seedlings (<i>Phaseolus vulgaris</i> L.)," <i>Canadian Journal of Biochemistry</i> , (1972), 50(5):538-542, The National Research Council of Canada.	
Rk	A37	WILSON, et al., "Transamination Reactions In Plants," <i>The Journal of Biological Chemistry</i> , (1954), 208:863-875, The American Society of Biological Chemists.	
Rk	A38	FOREST, et al., "Metabolism of Amino Acids in Plants. I. Changes in the Soluble Amino Acid Fractions of Bushbean Seedlings (<i>Phaseolus vulgaris</i> L.) and the Development of Transaminase Activity," <i>Canadian Journal of Biochemistry</i> , (1971), 49(6):709-720, The National Research Council of Canada.	
Rk	A39	ALTSCHUL, et al., "Basic Local Alignment Search Tool," <i>Journal of Molecular Biology</i> , (1990), 215(3):403-410, Academic Press Limited.	
Rk	A40	AN, "[17] Binary Ti Vectors for Plant Transformation and Promoter Analysis," <i>Methods In Enzymology</i> , (1987), 153:292-305, Academic Press, Inc.	
Rk	A41	JEFFERSON, et al., "GUS fusions: β -glucuronidase as a sensitive and versatile gene fusion marker in higher plants," <i>The EMBO Journal</i> , (1987), 6(13):3901-3907, IRL Press Limited.	
Rk	A42	BRADFORD, "A Rapid and Sensitive Method for the Quantitation of Microgram Quantities of Protein Utilizing the Principle of Protein-Dye Binding," <i>Analytical Biochemistry</i> , (1976), 72:248-254, Academic Press, Inc.	

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